## INTERNATIONAL SEARCH REPORT

PCT/IB 03/02510

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04Q7/34 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  $IPC \ 7 \ H04Q \ H04L$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

| C. DOCUM   | ENTS CONSIDERED TO BE RELEVANT  | <u>.                                    </u> |
|------------|---|--|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.                        |
| Y          | US 2002/155825 A1 (HAUMONT SERGE ET AL) 24 October 2002 (2002-10-24) paragraphs '0001!-'0030!   | 1-18   |
| Y          | WO 01/95657 A (NORTEL NETWORKS LTD<br>;LUCIDARME THIERRY (FR); DUPLESSIS<br>PHILIPPE (F) 13 December 2001 (2001-12-13)  | 1-14   |
| A          | paragraph 'ABSTRACT!; figure 1 page 1, line 1 -page 2, line 29 page 4, line 6 -page 5, line 6 page 5, line 28 -page 6, line 26 page 6, line 33 -page 7, line 26 page 8, line 1 -page 9, line 13 | 15-18  |
|            |   |  |

| Further documents are listed in the continuation of box C.  | Patent family members are listed in annex.  |
|---|---|
| Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed | <ul> <li>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>*X* document of particular relevance; the ctaimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>*Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>*&amp;* document member of the same patent family</li> </ul> |
| Date of the actual completion of the international search  29 April 2004  | Date of mailing of the international search report 07/05/2004   |
| Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016  | Authorized officer Pasini, E  |

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| A          | page 1, line 5 -page 2, line 3 page 2, line 22 -page 3, line 21 page 4, line 14-17 page 5, line 17-23 page 6, line 8-12 page 7, line 15 -page 11, line 10 page 16, line 9-22 page 17, line 6 -page 18, line 2 page 19, line 8 -page 20, line 10 page 21, line 18 -page 22, line 11 page 23, line 7-19 page 36, line 1-6   | 1-14                  |
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